

LA-UR-21-25725

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Title: Integrated Project Review (IPR) Program

Author(s): Terp, Susan Duffy

Intended for: General presentation materials to provide to internal and external audiences.

Issued: 2021-06-17

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Integrated Project Review (IPR) Program

May 25, 2021

Susan Terp, EPC-DO
Marjorie Wright, EPC-ES

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Why do we need an IPR Program?

Environmental Protection and Compliance Division (EPC-DO) owns institutional responsibility for compliance with Federal, State, and local environmental requirements

If LANL was not located on the Pajarito Plateau, this ~40 sq. miles would be an environmental preserve... author unknown

EPC SMEs want to know about all activities and projects being conducted at the Lab. Our regulatory framework requires LANL customers to use the Integrated Review Tool which includes PRID, EXID, and Siting.

- ~200 PRIDs reviewed per year
- >800 EXIDs reviewed per year

SD400 Environmental Management System, Rev 5 states all new/modified work, activities, operations and projects at the Lab must be reviewed for applicable environmental requirements through the IRT.

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Integrated Project Review (IPR) program

The IPR Program is supported by Subject Matter Experts (SMEs) from all groups in our division:

- Compliance Programs (EPC-CP)
 - Air Quality
 - Individual Permit (IP) Sites
 - Water Quality
- Environmental Stewardship (EPC-ES)
 - Biological Resources
 - Cultural Resources
 - Environmental Health Physics
 - NEPA
 - Pollution Prevention (P2)
- Waste Management Programs (EPC-WMP)
 - RCRA
 - Consent Order Sites (Solid Waste Management Units/Areas of Concern)
- Waste Management Services (EPC-WMS)
 - Waste Management Review
- Industrial Safety & Hygiene (OSH-ISH)
 - Exposure Assessment

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What We Will Do for PROJECTS

- Review and comment on new and modified activities/projects through the PRID and EXID tools
- Answer specific environmental questions related to the activity/project under review
- Attend tailgates, POTWs, field visits to any area of concern
- Identify environmental compliance concerns
- Identify cost, scope, and schedule impacts of environmental compliance requirements
- Provide briefings on all areas of environmental concern

**Our job is to help projects identify
important Environmental Requirements**

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Criteria for New or Modified Activities and Projects

This tool was created in conjunction with the updates of SD400 and P351, and several new training courses available in UTrain

Criteria for New or Modified Activities and Projects

All new or modified activities or projects at LANL must go through the Integrated Review Tool (IRT) to identify potentially applicable environmental permits and requirements prior to starting work.

USE IRT FOR PROPOSED WORK MEETING ONE OR MORE OF THE FOLLOWING CRITERIA:

Relocation or expansion of existing activities, operations, and projects

- Existing operation moving from one building to another (includes crossing TA boundaries)
- Research activity expanding from current location into additional space in different room, building, and/or TA
- Relocation of sheds, trailers, or transport trailers

New, expanded or relocated Research & Development (R&D) activities

- Install new accelerator
- Increased pit production
- Doubling production level of medical isotopes
- New machining, foundry, degreasing operations or changes to current operations
- Work For Others activities (before the start of on-site activities)

New construction

- New facility construction
- Installation of new trailers, transporters or sheds
- Laydown areas or yards (temporary or permanent)
- Facility parking lots and roadways (temporary or permanent)

Facility upgrades and/or modifications

- Installation of safety railings on building roof
- Re-configure existing laboratory space
- Replace cooling system
- New equipment installation
- Tank installation (indoor or outdoor and above ground or underground)
- Facility system replacement or upgrades (HVAC, electrical, boilers, etc.)
- Change to interior layout of a building
- Adding an addition to an existing facility
- Roof replacement and/or re-roofing

Expense funded construction activities

- Asphalt paving of Staging Areas
- Roof Replacement
- Facility modifications (upgrades, repurposing, etc.)
- Replacement of facility equipment (fire alarms, sprinkler systems, etc.)

Facility shutdown, decommissioning, demolition, and/or decontamination

- Facility Demolition
- D&D activities
- Any footprint reduction activities
- Facility status changes to 'cold and dark'
- Disposal of refrigeration equipment
- Disposal/removal of transporters from LANL footprint

Environmental clean-up, clean-out, and/or restoration

- Consent Order clean-up activities
- Installation and plug/abandonment of wells
- BMP Installation
- Individual Permit activities
- Installation of storm water gauges and/or monitoring systems
- Nitrate Salt processing resumption
- Industrial/Sanitary point-source permit activities

Outdoor activities and modification of land use

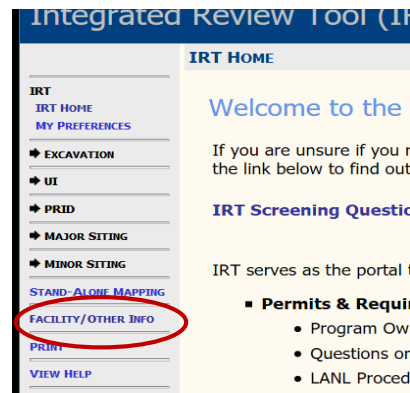
- Tree thinning activities
- Mowing activities
- Extensive Road maintenance/improvement activities
- Any access road creation or maintenance
- Annual fire road grading
- Outside storage
- Paving activities
- Soil disturbance

NOTE: While this is a comprehensive list of examples, you may need to use IRT even if your activity is not listed in this chart.

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Resources Available

- [Environmental Protection & Waste Management Contacts](#)
- [Deployed Environmental Professionals](#)
- [Environmental Permits & Requirements Table](#)
- Facility/Other Info



- Environmental Requirements Summary

PRID	
21P-0126	TA-48-00 Wing Coc System I
Select an option	
Select an option	
View PRID	RAMP: F TA-55-01 20
View PRID by Category	
Create Word Document	3D Fuels
View Maps	
View GIS Map Results	
View Attachments	
View Related EXIDs	
View Related PRIDs	53-0019 Renovate 28395
View Requirements List	TA50 Pec Bridge ES
ENV Requirements Summary	
View Assigned SMEs	TA-22-00 Retaining
View Comments	
Enter SME Comments	RAMP: F TA-69-00
20P-0013 V2	TA48 RC

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Need additional information:

- Susan Terp, IPR Program Lead, EPC-DO, 5-8889, sdterp@lanl.gov
- Marjorie Wright, IPR Program Lead (backup), EPC-ES, 5-6091, wright@lanl.gov

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